

**Green Springs Powerplant
10-30 MW**

Ancillary Services

**Green Springs
Ancillary Services**

Spinning Reserve	Yes
Non-Spinning Reserve	Yes
Replacement Reserve	Yes
Regulation/Load Following	Yes
Black Start	Yes
Voltage Support	Yes

Generators

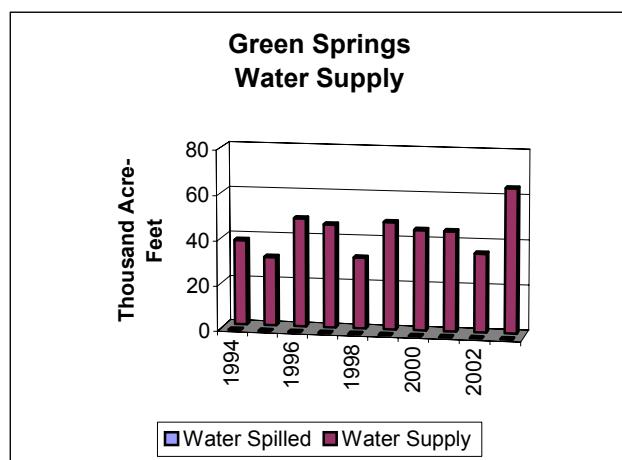
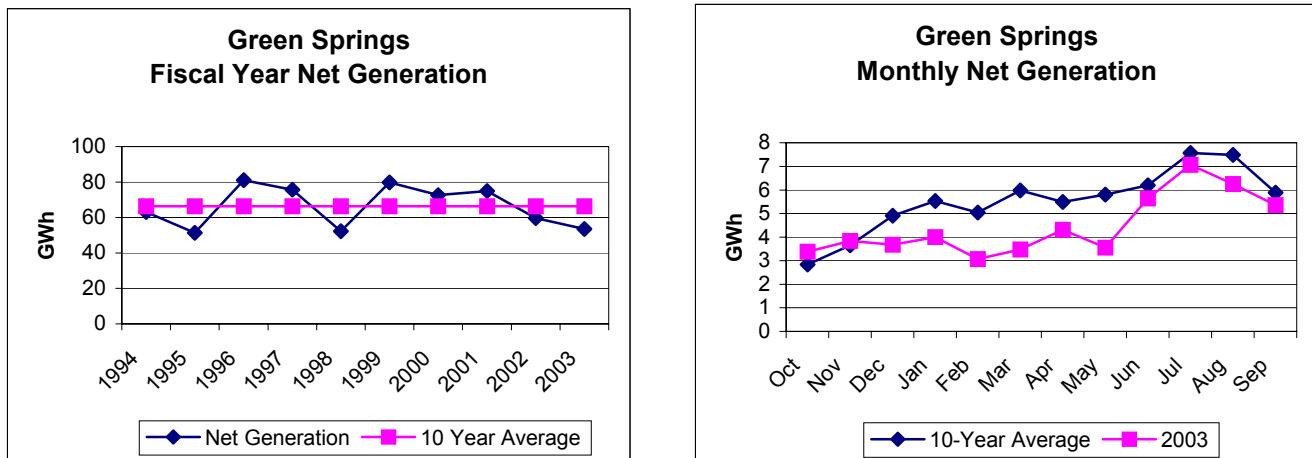
Green Springs Generators

Existing Number and Capacity

Unit #	Original Nameplat (kW)	Increased (kW)	Present Nameplate (kW)
1	16,000	0	16,000
1 Unit	16,000	0	16,000

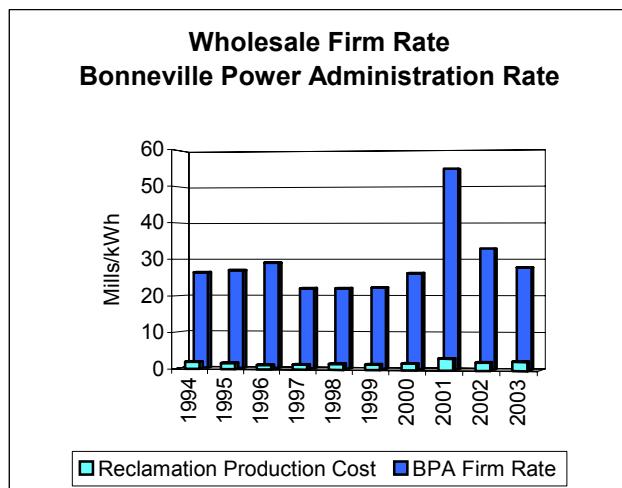
Green Springs Powerplant
10-30 MW

Generation

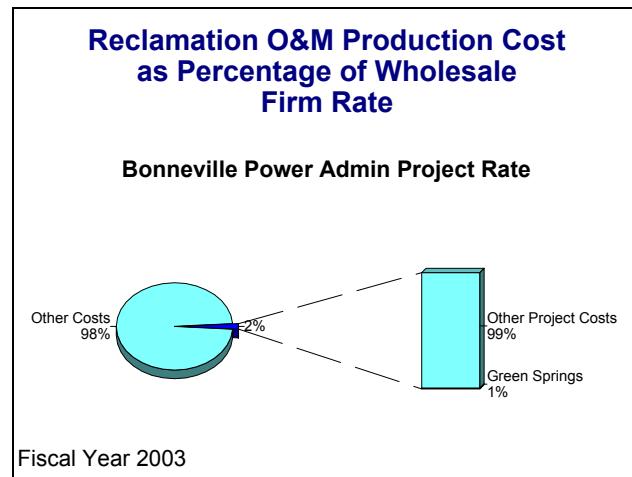


Prime Laboratory Benchmarks

Benchmark 1
Wholesale Firm Rate

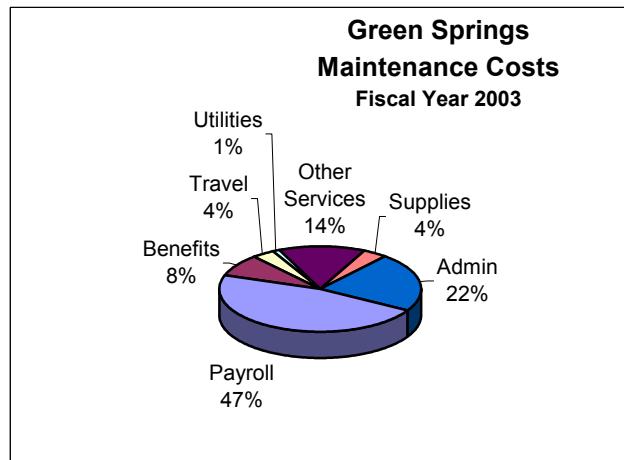
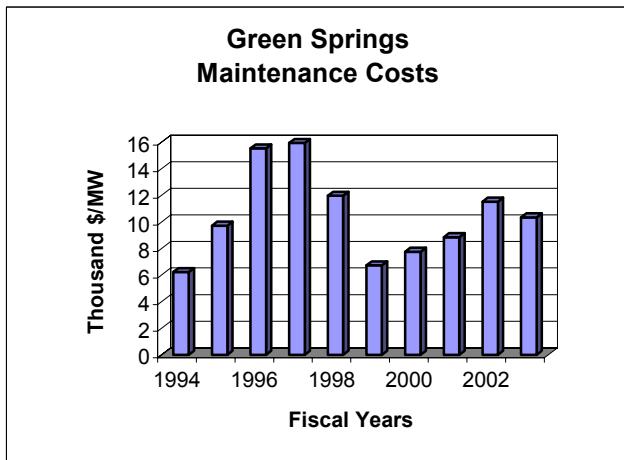
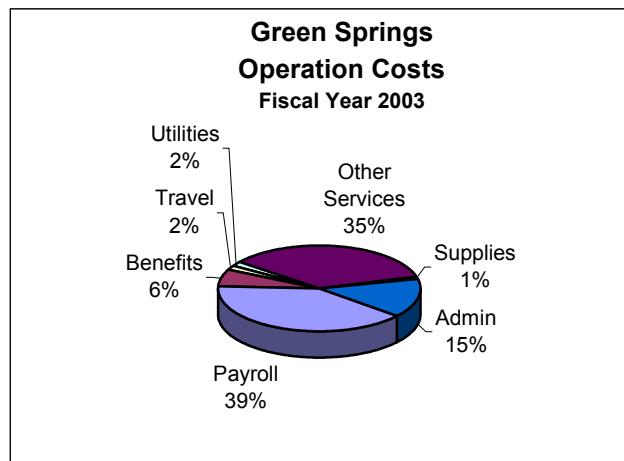
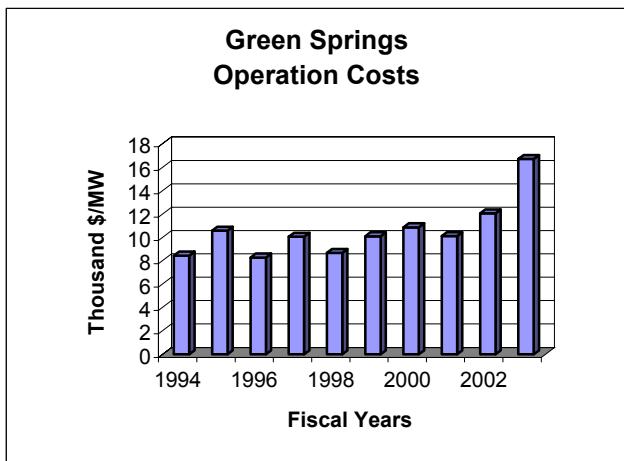


Benchmark 2
Reclamation's Production Costs as Percentage of Wholesale Firm Rate



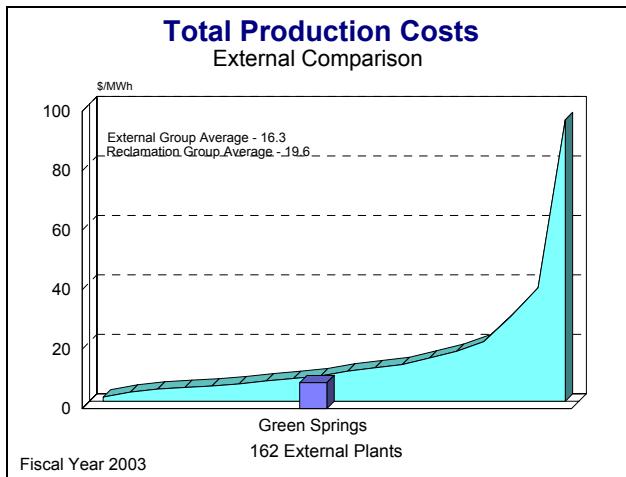
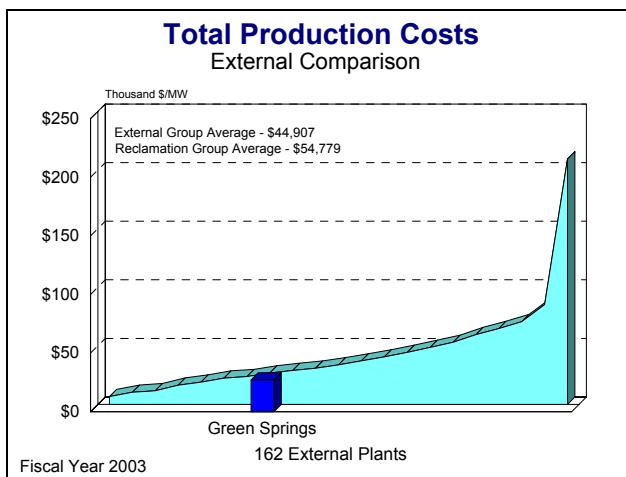
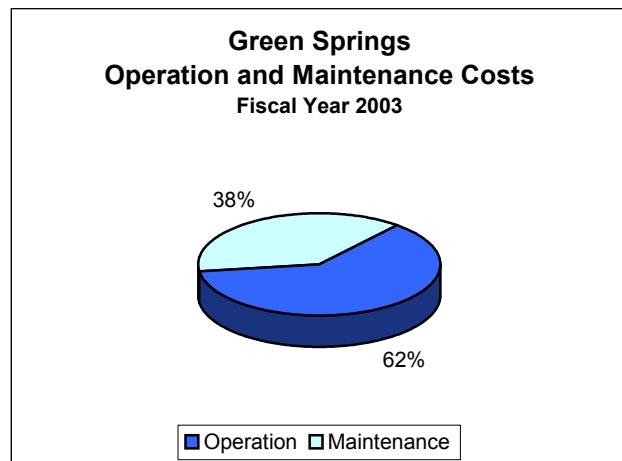
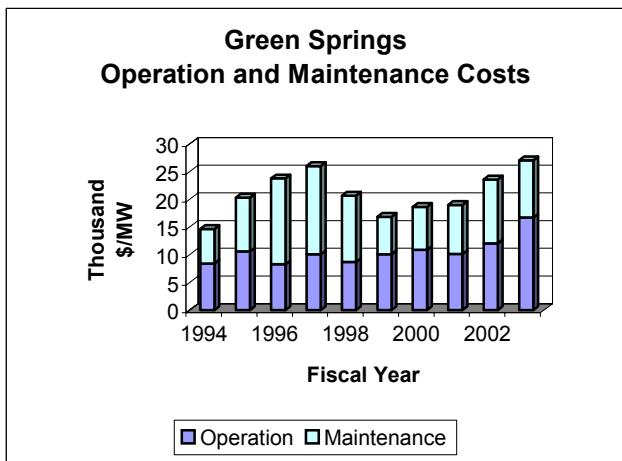
Green Springs Powerplant
10-30 MW

Benchmark 3
Production Cost



Green Springs Powerplant
10-30 MW

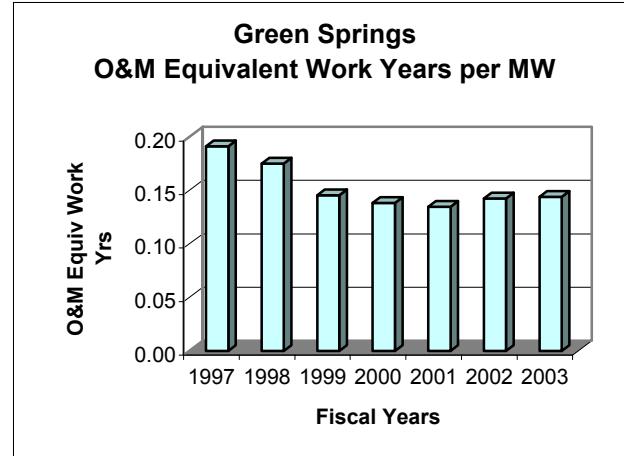
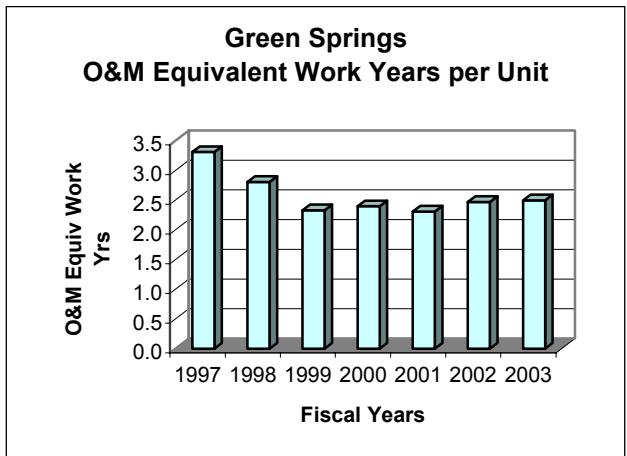
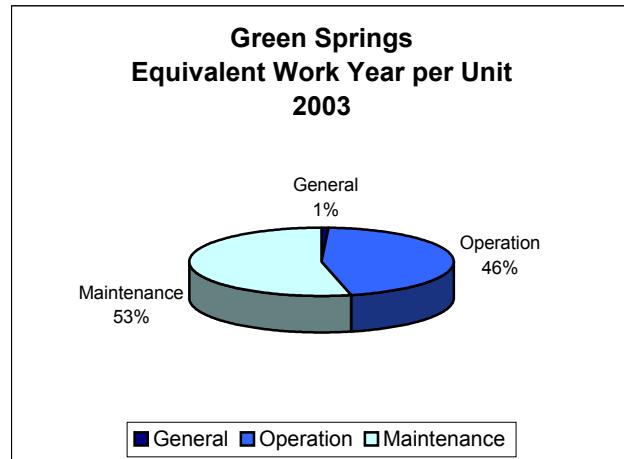
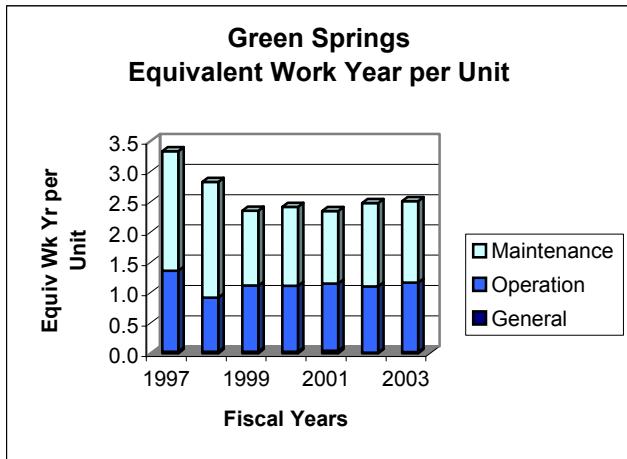
Benchmark 3
Production Cost



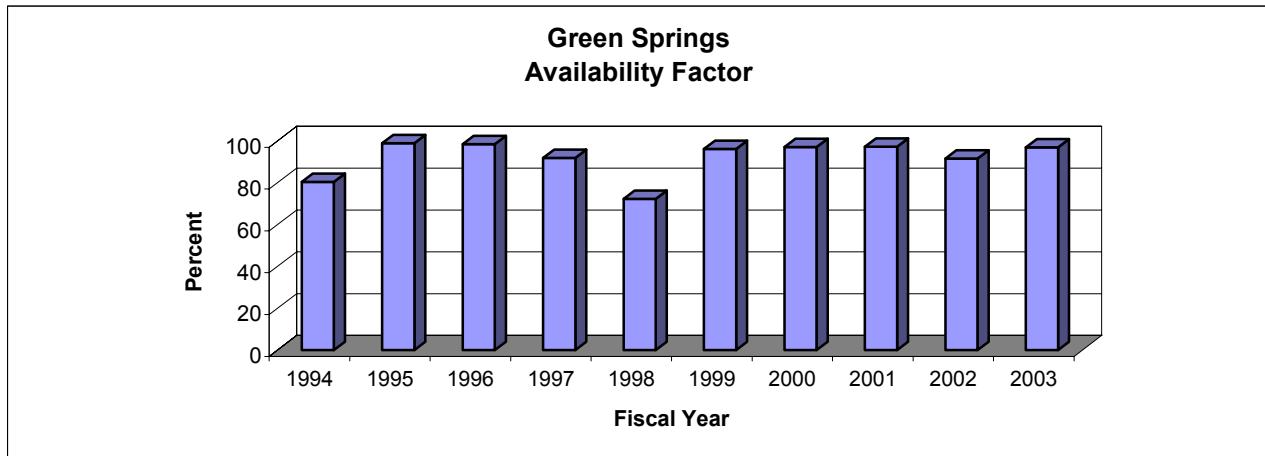
Green Springs Powerplant
10-30 MW

Benchmark 4
Workforce Deployment

Green Springs 2003 Equivalent Work Year Levels						
	Equiv Work Year Charged to Powerplant	Leave Additive	Denver and Washington Equiv Work Year Additive	Total Equiv Work Year Allocated to Powerplant	Total Equiv Work year per Generating Unit	Total Equiv Work Year per Megawatt
General	0	0	0.02	0.02	0.02	0.001
Operation	1.03	0.11	0	1.14	1.14	0.07
Maintenance	1.21	0.13	0	1.35	1.35	0.078
Total Staffing	2.24	0.25	0.02	2.51	2.51	0.15

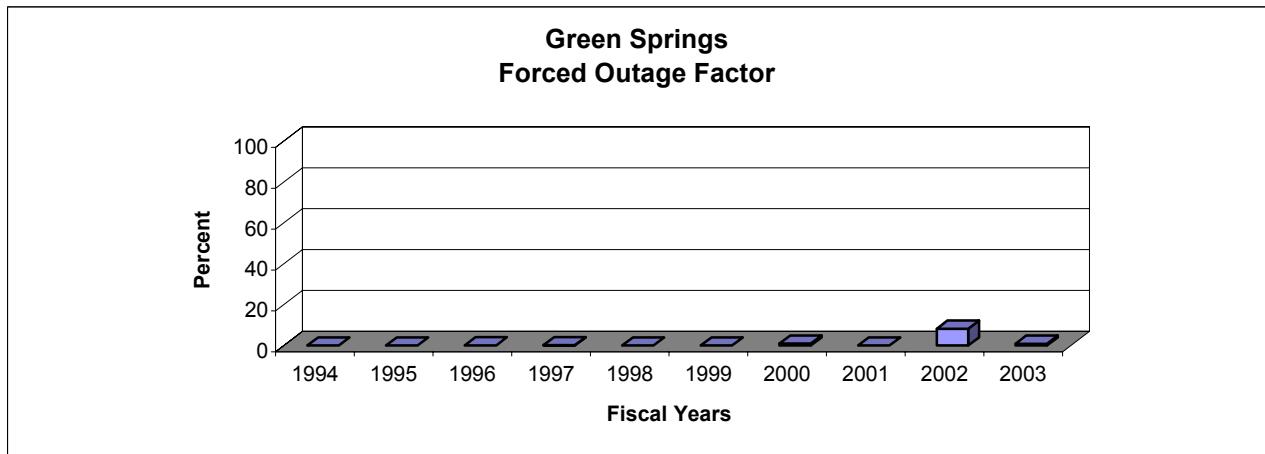


Benchmark 5
Availability Factor

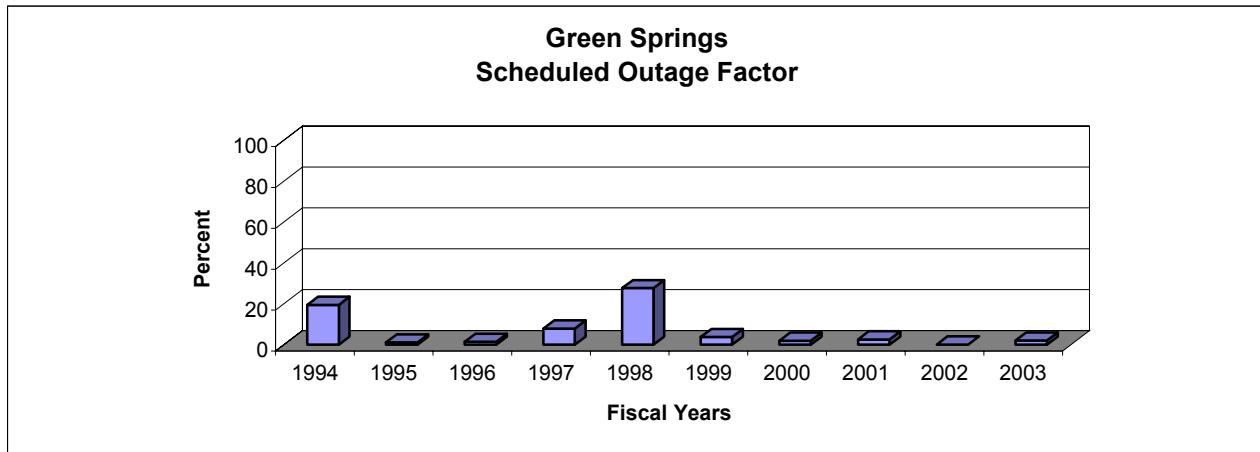


FY-94 unit rewind

Benchmark 6
Forced Outage Factor

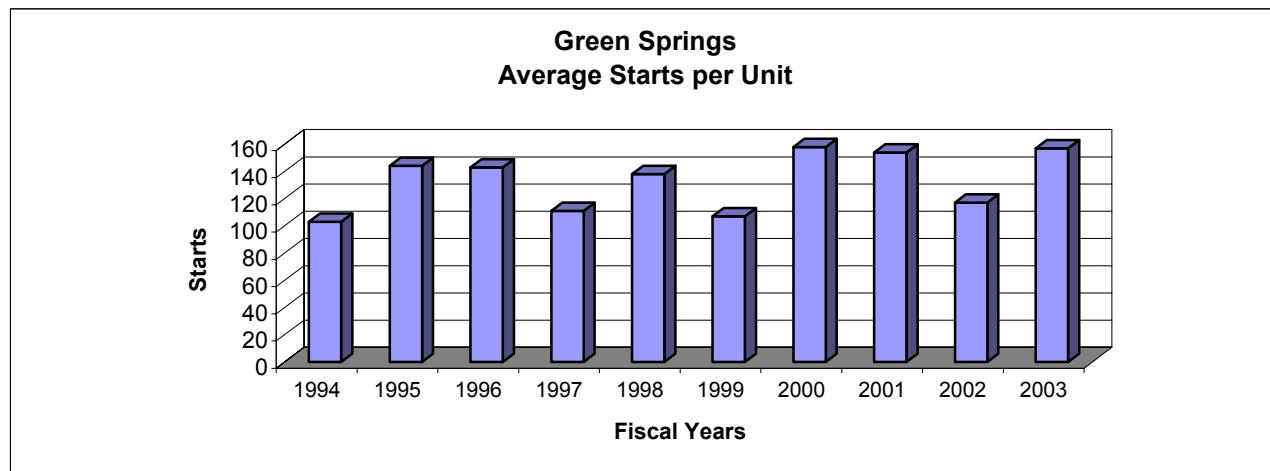


Benchmark 7
Scheduled Outage Factor



FY-94 unit rewind

Starts



Benchmark Data Comparison

Fiscal Year 2003	Green Springs Powerplant	Reclamation Average 10-30 MW Group	Total Reclamation Average	Industry Average	Best Performers
Wholesale Firm Rate Mills/kWh	27.7	Not Applicable	*23.1	Not Available	Not Available
Production Cost as Percentage of Wholesale Firm Rate	0.02%	Not Applicable	12.0%	Not Applicable	Not Applicable
O&M Cost \$/MWh	8.7	17.0	2.7	16.3	1.1
O&M Costs \$/MW	27,057	54,175	7,315	44,907	3,108
O&M Equiv Work Year per MW	0.1	0.3	0.04	Not Available	0.01
Availability Factor	97.0	84.2	83.6	**88.9	99.1
Forced Outage Factor	0.9	0.7	1.5	**2.4	0.0
Scheduled Outage Factor	2.1	15.1	14.9	**8.7	0.0

*Weighted by Net Generation

**2002 NERC Average